accessing at least one communications system parameter selected from a group of communications system parameters consisting of antenna pattern parameters, spacecraft/antenna pointing error parameters, and link condition database parameters;

determining a connection parameter to minimize intra-system interference based in part upon the selected communications system parameter for the user terminal;

allocating the connection parameter to this user terminal; and

making a communications connection with the processing communication satellite by the user terminal using the connection parameter.

19. (Twice Amended) A method for interference management a communications system servicing multiple user terminals, said method comprising:

receiving a request for service from a user terminal;

accessing at least two of known communication system parameters from a user database, antenna pattern database, spacecraft/antenna pointing error database and link condition database;

determining a frequency channel and time slot parameter allocation for the user terminal to minimize intra-system interference based upon said two communications system parameters;

allocating the frequency channel and time slot parameter to the user terminal;

making a communications connection by the user terminal using the frequency channel and time slot parameter;

periodically redetermining the frequency channel and time slot parameter allocation for the user terminal to continue to minimize intra-system interference; and

updating the databases after the communication connection has ended.